

IN THE CLAIMS

The listing of claims and status identifiers are listed below and will replace all prior versions of the claims in the application.

1. (Currently amended) A computer system comprising:
a chassis that encloses at least one microprocessor, said chassis having a rear wall with an outer face which faces away and opposite from a user during normal use; and
an electro-acoustic transducer mounted in said chassis, wherein said transducer is mounted to said rear wall, wherein said chassis has an acoustic impedance magnitude, as seen by said transducer, of less than half that of an acoustic suspension box of the same dimensions.
2. (Canceled)
3. (Previously presented) The computer system of Claim 1, wherein said transducer is mounted to the center of said rear wall.
4. (Previously presented) The computer system of Claim 1, wherein said chassis has a front wall with an outer face that faces a user during normal use; and
wherein said front wall has perforations, whereby said front wall is made more acoustically leaky.
5. (Original) The computer system of Claim 1, wherein said transducer utilizes the wall-effect, whereby acoustic spatial impression is improved.

6. (Original) The computer system of Claim 1, wherein said transducer has a Q_{TS} in the range of 0.65 to 0.8.

7. (Original) The computer system of Claim 1, wherein said transducer is a long-throw transducer.

8. (Original) The computer system of Claim 1, further comprising a sound card.

9. (Original) The computer system of Claim 1, further comprising at least one external speaker.

10. (Currently amended) A computer system, comprising:
at least one input device and at least one output device;
a main system module which includes therein: at least one microprocessor operatively connected to detect inputs from said input device and to send data to said output device, and random-access memory connected to be read/write accessible by said microprocessor;
said main system module being mounted in a chassis which has a rear wall having an outer face which faces away and opposite from a user in normal use; and
a driver mounted in said chassis, wherein said driver is mounted to said rear wall,
wherein said chassis has an acoustic impedance magnitude, as seen by said driver, of less than half of that of an acoustic suspension box of the same dimensions.

11. (Canceled)

12. (Original) The computer system of Claim 10, wherein said driver has a Q_{TS} in the range of 0.65 to 0.8.

13. (Original) The computer system of Claim 10, wherein said driver utilizes the wall-effect, whereby acoustic spatial impression is improved.

14. (Previously presented) The computer system of Claim 10, wherein said driver is mounted to the center of said rear wall.

15. (Original) The computer system of Claim 10, wherein said driver is a long-throw driver.

16. (Currently amended) A method of operating a computer system, comprising executing application software in one or more programmable processors contained within a chassis, said chassis having a rear wall with an outer face which faces away and opposite from a user during normal use, wherein said driver is mounted in said rear wall, wherein said chassis has an acoustic impedance magnitude, as seen by said driver, of less than half that of an acoustic suspension box of the same dimensions; and

providing at least one audio output to power at least one driver mounted to said chassis.

17. (Canceled)

18. (Previously presented) The method of Claim 16, wherein said driver is mounted to the center of said rear wall.

19. (Original) The method of Claim 16, wherein said driver has a Q_{TS} in the range of 0.65 to 0.8.

20. (Original) The method of Claim 16, further comprising the step of equalizing an audio signal and providing said signal to said audio output.

21. (Original) The method of Claim 20, wherein said equalizing step is performed to work in context with a free-space driver.

22. (Previously presented) The method of Claim 16, wherein said chassis has a front wall with an outer face that faces a user during normal use, said front wall having perforations, whereby said front wall is made more acoustically leaky.

23. (Original) The method of Claim 16, wherein said driver utilizes the wall-effect, whereby acoustic spatial impression is improved.

24. (Previously presented) An audio system, comprising:
an acoustically leaky computer chassis, having a rear wall; and
a driver;
wherein said chassis has an acoustic impedance magnitude, as seen by said driver, of less than half that of an acoustic suspension box of the same dimensions; and
wherein said driver is mounted in said chassis to said rear wall.

25. (Original) The audio system of Claim 24, further comprising an equalizer.

26. (Original) The audio system of Claim 25, wherein said equalizer has at least one predetermined stage of fixed equalization for enlarging spatial impression.

27. (Original) The audio system of Claim 25, further comprising gain staging.

28. (Original) The audio system of Claim 25, wherein said equalizer equalizes an audio signal as if said driver were standing in free space.

29. (Original) The audio system of Claim 25, wherein said equalizer modifies an audio signal to simulate a predetermined acoustic environment when said signal is played through said driver.

30. (Original) The audio system of Claim 24, further comprising a sound source.

31. (Original) The audio system of Claim 30, wherein said sound source is a CD player.

32. (Original) The audio system of Claim 30, wherein said sound source is a wave table.

33. (Original) The audio system of Claim 30, wherein said sound source is a speakerphone.

34. (Original) The audio system of Claim 30, further comprising gain staging.

35. (Original) The audio system of Claim 24, further comprising a sound card.
36. (Original) The audio system of Claim 35, further comprising gain staging.
37. (Original) The audio system of Claim 24, wherein an apparent origin of a sound is created in a range of 12 to 24 inches in front of listener's face.
38. (Original) The audio system of Claim 24, further comprising at least one external speaker.
39. (Currently amended) A system, comprising:
a computer chassis that encloses at least one microprocessor; and
a driver mounted in said chassis to a rear wall thereof with said driver facing away and opposite from a user during normal use, wherein said chassis has an acoustic impedance magnitude, as seen by said driver, of less than half that of an acoustic suspension box of the same dimensions;
wherein said driver has a throw length greater than ten percent of its minimum cone diameter.
40. (Previously presented) The system of Claim 39, wherein said driver is a free-space driver.
41. (Canceled)

42. (Previously presented) The system of Claim 39, wherein said chassis has a front wall, said front wall having an acoustic vent.

43. (Previously presented) The system of Claim 39, wherein said driver is mounted to the middle of said rear wall.

44. (Previously presented) The system of Claim 39, wherein said driver has a Q_{TS} in the range of 0.65 to 0.8.